

# the CARRIER



## ARRL SPECIAL SERVICE CLUB

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Editor: Ken Desloover, N8KHS

Distribution: George Jones, KI6YK

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### A Message from the Editor

Last month the *Carrier* was rushed to print because of the impending birth of another Desloover...well, it happened early, as expected. Casey Kenneth Desloover was born January 5, 1992, 6 weeks early, and had some minor surgery at 3 weeks of age, but is home now and doing fine.

73's Ken N8KHS

### From the President....

It seems like we are off to a good start for 1992. The second year as president makes things go a lot easier. This is going to be a big year for MDARC! Did you know at our current growth rate this club could top 500 members by the end of the year?

All eyes are on us for Pacificon. The level of support we have from the ARRL, RACES, State OES and others has been very reassuring. The goal for the convention is to have fun and from all the excitement we will easily meet that goal. If you've been to the breakfast planning meetings, you'd know exactly what I mean. As we gear up for the Pacificon, remember MDARC has its reputation, as well as its money invested in this convention. Please do your part to help spread the word about Pacificon.

Congratulations to the Desloover family on the addition of a new potential ham Casey Desloover. Mother, baby, and father are doing fine.

We are still looking for a club historian to clean up the partially written history of MDARC. Can you help out? The club history is partially written and should be fun reading for someone who has been a member for a while.

Thanks to Ray Gaschk KD6BLS, who has agreed to be the club elmer. If you know any new hams contact Ray to see what we can do for them. Ray is coordinating some volunteers to help. Say hello to him at the next meeting and lend a hand.

See you at the February meeting... 73 Pete

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## Happy Valentines Day

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# Happenings

## Extreme Ultraviolet Explorer Talk Slated for March Meeting

NASAs Extreme Ultraviolet Explorer satellite will be launched in May to explore the last unmapped portion of the electromagnetic sky. The telescopes will spend six months scanning the entire sky in the 100 to 1000 Angstrom wavelengths (about 50 nanometers) from its orbit 550 kilometers above the Earth's surface. Once mapping is complete the duration of the mission will be spent observing specific astronomical objects of interest.

The talk will briefly examine the history of EUV astronomy and why it is interesting. The bulk of the talk will center on the technical details of the EUVE mission. If you want a preview, there was a nice article about the EUVE in the February 1992 issue (page 161) of Sky and Telescope magazine.

Just as an aside, we have an experiment on the upcoming SAREX shuttle mission and one of our people, Mike Lampton, is the backup payload specialist.

## MDARC Begins Spring Radio Classes

Amateur Radio classes are again being offered starting February 11 at College Park High School, on Viking Drive in Pleasant Hill. Classes start at 7 PM, and admission is free. Flyers with maps are at the Base Station, Radio Shack stores, and public libraries.

## 1992 Spring Trailride Dates

Dates for 1992 Spring Trailrides:

Saturday, April 4

Concord-Mt. Diablo Trailride Association

Saturday, April 25 - Sunday, April 26  
Diablo Arabian Horse Association

Saturday, May 2 - Sunday, May 3  
Diablo Endurance Trailride

Saturday, June 27 - Sunday, June 28  
Diablo Arabian Horse Association

Each ride will require 6 to 9 radio operators.  
Mark your calendars now and volunteer!

## From the ARRL Pacific Division

Charles McConnell, W6DPD, Director

### STA Extended

The FCC extended the Special Temporary Authorization for unattended HF packet operation for one more year, till January 3, 1993. The FCC has said this is the last extension since they want rules permanent for this type of operation. Your QST for January 1992 has a questionnaire regarding unattended HF packet operation. If you want your ideas considered in preparation for a request for rule making, please complete the questionnaire and send it to ARRL Headquarters.

### Name Change

The ARRL Long Range Planning Committee will seek member input on the possibility of changing the name of the American Radio Relay League to something more indicative to non-Amateurs of the League's makeup and purpose.

### Voluntary Technical Certification

The ARRL will study the feasibility of establishing a voluntary technical certification program to increase the technical competence of radio amateurs.

## MDARC and RRRG Send Condolences to Vice President Richard Shappee

The father of Richard Shappee, WA5HQJ, MDARC Vice-President died at his home in San Diego County at age 95 in late January. The officers and members of the Mt. Diablo Amateur Radio Club and the Rocky Ridge Repeater Group extend to Richard, his wife Joyce, and to Richard's family our condolences.

For Sale: 50 ft. Galvanized tower with mast and 4 element beam for 20, 15, and 10 meters with rotor. Allen Craddock 530-3911

**Renew ARRL Membership  
Through MDARC**



## MDARC General Meeting Minutes

Date: January 17, 1992

Time: 8 PM

The meeting was called to order by Pres. Pete at 8 PM, January 17, 1992. It was moved, seconded, and passed to approve the minutes of the previous meeting as published in the *Carrier*. There were 90 present. Guests were introduced and upgrades were announced.

Dwayne Eskridge introduced his sister-in-law, Connie Pickel, who just returned from a two-year sailing trip around the world. She gave a short talk on how happy she was that she had her amateur radio with her.

Vice President Richard Shappee announced the program schedule through June.

Paul Girard announced RACES training on February 8, 8:30 AM at the Orinda Community Center. Also, RRRG dues are due.

Membership Chairman George Jones reported membership now at 443, but 96 have not renewed. Dues must be paid immediately to get your name in the directory, which will be out in February and will contain packet information.

Jeff Jones, who will be coordinating the radio classes starting the second Tuesday in February, was introduced. He also announced there is a technical net on 147.060 at 7 PM on Sundays.

Lauren Styles said that Field Day will be in June. He will have more information in March.

Pres. Pete announced there will be a Scout-a-Rama in March. Anyone interested in helping, contact Jim Pepper, W6QIF. The April Auction has been moved up to the second Friday in April, because of Good Friday programs at the church.

Redwood Youth Foundation will help with a youth amateur radio program a Pacificon '92. There will also be two speakers from ARRL Education.

Coming activities:

April 5 - Walkathon for Muscular Dystrophy

Mid-April - Horse trail ride on Mt. Diablo

April 25-26 - Trail Ride at Sunol Reg. Park

Mid-May - Trail Ride on Mt. Diablo

June 27-28 - Trail Ride at Chabot Reg. Park

There was a 15 minute recess before a very interesting program. V.P. Richard introduced Bob Case, agricultural biologist with Contra Costa County. He spoke on Biological Control of Insects. He gave a slide presentation and answered questions. The wasps, used to fight the white fly, are so small that 8-10 can fit on the head of a pin. The wasp lays an egg in the white fly nymph, which is then the host for the young wasp. They do not attack adult white flies. A state agriculture lab in Sacramento grows the wasps, among other insects used in biological control. California has over half of the biological control facilities in the United States. Water hyacinth is controlled by moths and weevils. Biological control gives growers a competitive edge.

After the program, the drawing was held. Meeting closed at 9:45 PM.

Respectfully submitted,

Walter W. Ebbett, Jr., Secretary

## MDARC Board Meeting Minutes

Date: January 21, 1992

Time: 7:30 PM

### Board Members Present

President	Pete Tormey	N6QGN
Vice President	Richard Shappee	WA5HQJ
Treasurer	Stan Christian	WU6P
Emerg. Coord.	Skip Slates	KC6JEM
Director	Larry Gansz	KB2GV
Director	Dick Brown	KT6X

### Board Members Absent

Secretary	Walt Ebbett	KB6QIB
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### Others Present

Membership	George Jones	KI6YK
Past Treasurer	Bert Dawson	KB7BGM
RRRG Chair	Paul Girard	KC6TZU

The meeting was opened at 7:30 PM at N6QGN's house.

A correction to the December Board minutes was made to clarify that Skip Slates and his friend Lisa Whitman are not married.

It was moved, seconded and approved to move the October auction to the third Friday in September in order not to conflict with Pacificon '92.

The 1992 MDARC budget was reviewed and approved. A summary will be put in the *Carrier* for review by the membership and presented by President Pete Tormey at the February club meeting to obtain membership approval.

The need for improved insurance was discussed to better cover liability losses for all club functions and Pacificon, as well as potential theft of the 4 repeaters' equipment on Mt. Diablo. The most effective alternative was to purchase insurance from ARRL. The Board approved the change subject to Club approval at the February meeting. Following Club approval, it was agreed that because of the unplanned increase to RRRG in 1992 for their 1/3 share of the insurance bill, the Pacificon budget will pay the difference between \$270.00 planned by RRRG and 33% of the new bill. The new total cost is expected to be approximately \$1,300.00, depending on the inventoried value of the equipment.

The February Board Meeting is scheduled at Stan Christian's house on February 25.

The March Board Meeting is scheduled at Dick Brown's house on March 24.

Vice President Shappee submitted a preliminary schedule of programs for 1992. It was decided to move the October meeting to October 9 to avoid conflicting with Pacificon '92.

Treasurer Christian announced that a new checking account had been established for the club at a more convenient location and that our other account would be closed.

Membership for 1992 is at 339 with 81 old members delinquent. Each will be contacted by the Board to determine their plans and to encourage their renewal.

Respectfully submitted,

Acting Secretary Dick Brown, KT6X

## Rocky Ridge Repeater Group News

### Rocky Ridge Repeater Group Minutes

January 15, 1992

The meeting was called to order at 2000 hours by Chairman Paul Girard (KC6TZU).

#### New Business

Dues Notices have been mailed out. Everyone is encouraged to remit as soon as possible. We are scheduled to implement new access codes on April 1, 1992. In order to utilize the Auto-patch after March 30, 1992, dues must be paid by March 15, 1992.

A Transmitter Hunt is in the works. For further details and update contact Paul (KC6TZU).

#### Old Business

Treasurer's Report: \$1,467.92 in the bank with all bills paid to date.

Motions made, seconded and passed to pay \$224.67 for our portion of the Insurance Liability Premium and \$205.00 for the new UHF isolator.

Letter has been sent to Palomar Telecom DEMANDING payment for defective controller.

#### Technical Chairman's Report

Mike (KB6RMT) made a report on the use of the 2 meter repeater. Keep QSO's short, and leave a longer delay (unkey) in the event someone else needs to use the repeater.

There are very few slots left for use on 2mtr repeater. If anyone can use the 220 or 440 machines vs. the 2 mtr, let Jay (KT6Y) know and he can make the change.

Mike also stated we need a volunteer tower climber. The person should be well experienced in heights in the 250' area.

There will be a ATV Tune Up for the new crystals on 2-1-92. Contact Mike (KB6RMT) for further details.

#### New Members

The following new members were accepted for membership in Rocky Ridge Repeater Group:

Harold Winkler	KD6AAT	
Bill Pivrotto		WB6AWV
Lee Sarty		KD6AXA
Pamela Sarty		KD6AXB
Gary Keane		KD6DEA
William Hockins		KB6EPG
William Kramer		KA6FMU
Russell Hockins		KA6FOY
James Leonard		KA6KSN
Craig Andrews		KI6LV
Vaughn Baxter		KK6QS
Philip Raap		KK6SYI
Steve Allen		KC6VCC
Brian Devine		KC6VNU

Respectfully submitted,

Richard (Dick) Tuller (N6VHV)  
Secretary

### Jay Caldis's Golf Game Attracts Spectators

Now picture this. You are playing in a very important golf tournament at Diablo Creek Golf Course in Concord. You are making a vital approach shot to the third green. Three members of your foursome have already hit their balls.

You approach the ball confidently and study the shot. Suddenly, air horns sound. You look up and, lo and behold, there is a truck with a huge electrically operated sign which says:

**JAY**

**Your Backswing**

**SUCKS!**

The golfer: Jay Caldis, KT6Y, former "Ham of the Year."

The perpetrator: Tim Barrett, WD9BIV, "Idea Man of the Year"

Co-Conspirators: You'll never know.....

P.S. -- Caldis "blew" the shot and made a double bogey and the team lost the tournament. [There's always the next time.] ---Paul Girard, KC6TZU

### MDARC Budget

#### 1992 MDARC BUDGET

Description	Receipts	Expense
Membership Dues	6,150	750
ARRL Renewals	50	
Auction	1,200	
Interest	150	
Patches & T-Shirts	100	
Door Prizes	1,200	1,200
Donuts & Sodas	450	450
Rent & Coffee		900
Carrier		4,500
Field Day		150
Education		1,000
Picnic		400
Xmas Party		900
Insurance	752	1,265
<b>Total</b>	<b>10,052</b>	<b>11,515</b>
Pacificon Balance	1,463	



## Another "Canal Rider" to be Memorialized

Workers are preparing still another Contra Costa Canal trail marker designating an "otherwise insignificant" point in the trail to be memorialized for a fearless "Canal Rider" of the Mt. Diablo Amateur Radio Club.

AA6DL, former treasurer Dick Schulze, "went down" at the point where the Contra Costa Canal crosses Treat Blvd. in mid-January. Schulze, one of the most careful of the "Canal Riders" suffered two broken ribs, fractured indignity, a gash on the left arm and numerous insults.

Fortunately, Schulze was in the company of Stan Polland, N6ZA; Jay Caldis, KT6Y (of Caldis Pole fame) and Paul Girard, KC6TZU when the accident occurred. They were able to pulled him from the path of speeding cars and trucks before the cars and trucks were damaged.

Schulze's XYL, Doris, KC6SUA, was called to the scene by Caldis who used the club's 222 Mhz autopatch. Schulze was taken to John Muir Hospital for treatment of his wounds. Polland, Caldis and Girard continued on their daily ride to "Fat City" where they enjoyed chocolate eclairs, tea and crumpets, and then made safe returns to their respective homes by bike.

Schulze may undergo plastic surgery in the near future which may be reflected in a dramatic change in his appearance. --  
*KC6TZU Master Author*

## MDARC Twenty-Five Years Ago

By Walt Ebbett, KB6QIB

The program for the Feb. 17, 1967 meeting will be a COMPLETE ACTION demonstration of the new FM repeater! To outline the accomplishments of the FM repeater group, Dave Domes, W6LNK and Bob Richter W6HOF will conduct a brief talk followed by Q&A session and the actual demonstration.

Charlie Applegate, W6BEP had a Swan 120 and a Swan 140 for sale at \$135 each.

Did you know that MDARC has ahd its present P.O. Box address since January 1967?

There were over 700 hams at the early January weekend Ham Fest in Las Vegas (HamVegasFest). Registration was \$9.50.

MDARC dues in 1967 were \$3.00. March 31st was the cut off date to receive the *Carrier*.

## Upgrades and New Calls

Congratulations to the following on their upgrade and/or new call:

Mark Gilchrist: KC6QPX

Greydon Hicks: Technician

Timothy Grimes: Technician, KD6EPB

Jeff Jones: General

John Stuart: General

Blair Tulloch: General

## THE BASE STATION

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**MEMBERSHIP DIRECTORY UPDATE**

by George Jones, KI6YK

We are very pleased to welcome to MDARC the following new members:

ALLEN, Steve; KC6VCC, Technician

11460 Edgewood Dr., Auburn, CA 95603

(916)885-6753(h), (916)786-2469(w)

ANDREWS, Craig E.; KI6LV, Advanced

Rt. 1 Box 161-C, Knightsen, CA 94513

(510)-625-7997(h), (510)-625-7997(w)

CENDEJAS, Manuel R.; KD6DEY, Novice

1701 Daisy Wy., Antioch, CA 94509

(510)-754-2485(h)

CLOUD, B. T.; KA6OCO, General

1400 Buchanan Rd., Antioch, CA 94509

GILMORE, Joseph A. (Joe); KA6MZS, Novice

2740 Cherry Ln., Walnut Creek, CA 94596

(510)933-4881(h)

Joe belonged to MDARC 1978 to 1981

HAMMONTREE, Walt; N6HNS, General

5518 Indiana Dr., Concord, CA 94521

(510)672-1954(h)

JONES, Heidi; KC6VBX, Technician

1557 Norine Dr., Pittsburg, CA 94565

(510)439-2514(h)

KEISER, Ron; KD6DTM, Technician; 12 E. 6th

St., Antioch, CA 94509; (510)778-0705(h)

LEONARD, James (Jim); KA6KSN, Technician

4664 Deermeadow Wy., Antioch, CA 94509

MONTANDON, Daniel F. (Dan); N6ULL, Ad-

vanced; 3131 Serra Way, Fairfield, CA

94533; (707)422-7379(h), (707)428-2045(w)

PIVIROTTO, William J. (Bill); WB6AWV, Tech-

nician; 627 Odin Dr., Pleasant Hill, CA

94523; (510)825-7344(h), (415)561-8034(w)

REMOY, John W.; KC6CYN, Technician

4313 Suzanne Dr., Pittsburg, CA 94565-

6270; (510)432-9020(h)

RHINER, Robert W., Sr.; KD6CNE, Technician

915 Larkspur Dr., Tracy, CA 95376

(209)832-0783(h), (510)423-1049(w)

SARTY, Lee; KD6AXA, Technician

200 Oakridge Dr., Danville, CA 94506

(510)820-5866(h), (510)798-1951(w)

SARTY, Pam; KD6AXB, Technician

200 Oakridge Dr., Danville, CA 94506

(510)820-5866(h), (510)798-1951(w)

SHAPPEE, Joyce; SWL; 2955 Corte Miguel Rd.,

Concord, CA 94518; (510)682-1644(h)

SLAYTER, Elizabeth (Beth); KD6CDR, Tech-

nician; P.O. Box 10201, Napa, CA 94581

(707)258-6115(h)

SLAYTER, Matthew; KC6WIA, Technician

P.O. Box 10201, Napa, CA 94581

(707)258-6115

TURNER, Jeremy; SWL; 313 Howard Ave.,

Vallejo, CA 94589; (707)648-2348(h)

TURNER, Mitch; SWL; 313 Howard Ave.,

Vallejo, CA 94589; (707)648-2348(h)

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**The Mount Diablo Amateur Radio Club**

**Our Savior Lutheran Church  
1035 Carol Lane, Lafayette**

**The Rocky Ridge Repeater Group**

**Contra Costa Fire College  
Treat Boulevard West of Oak  
Grove, Concord**

**Next Meeting:  
February 21 - 8 PM  
Using Radio to Pass Gas  
John Stuart, N6UJZ**

**Next Meeting:  
March 18 - 8:00 PM**

*Interested persons are welcome*

**Club Officers**

<b>President</b>		
Pete Torney	N6QGN	680-0920
<b>Vice President</b>		
Richard Shappee	WA5HQJ	682-1644
<b>Secretary</b>		
Walter Ebbett	KB6QIB	837-2204
<b>Treasurer</b>		
Stan Christian	WU6P	672-0330
<b>Emergency Coordinator</b>		
Skip Slates	KC6JEM	944-9749
<b>Directors</b>		
Dick Brown	KT6X	676-9048
Larry Gansz	KB2GV	356-2411

**RRRG Officers**

<b>Chairman</b>		
Paul Girard	KC6TZU	689-2346
<b>Technical Chairman</b>		
Mike Burke	KB6RMT	682-7296

**Rock Ridge Repeaters**

<b>147.06/+</b>	<b>224.78/-</b>	<b>441.325/+</b>
<b>(100 Hz)</b>	<b>(77 Hz)</b>	<b>(100 Hz)</b>

**Rocky Ridge Repeater Group Nets**

<b>Voice Net</b>		
<b>Thursday</b>	<b>1930 Hours</b>	<b>147.06/+</b>
<b>Net Control</b>	<b>Jay Caldis</b>	<b>KT6Y</b>
<b>ATV Net</b>		
<b>Thursday</b>	<b>2000 Hours (after voice net)</b>	
<b>Net Control</b>	<b>Mike Burke</b>	<b>KB6RMT</b>
<b>Alternate</b>	<b>Don Smith</b>	<b>W6NKF</b>
<b>2nd Alt</b>	<b>John Cunningham</b>	<b>KC6KIQ</b>

**Contra Costa County  
ARES/RACES Nets**

**Thursdays 1900 Hours**

<b>Central County 145.68/S</b>		
James House	KA6IVF	372-0345
<b>East County 146.535/S</b>		
Bill Hall	KB9M	778-0977
<b>South County 146.355/+</b>		
George Jones	KI6YK	837-9316
<b>West County 145.11/-</b>		
Robert Hughes	N6SPY	527-7048

**QSY to 147.735/- at 1920 Hours  
Meeting of all ARES/RACES Nets**

**Contra Costa County  
Emergency Services HF Net**  
**First Thursday following first Wednesday**  
**2000 Hours 3895 Khz**  
**Hank Berriman, W6ZHY, AEC**

**Sheriff's Uniformed Reserve**  
**for information call:**

**Freda Lucido N6PWT 228-3609**

## **Calendar of Events**

1st Sunday	Livermore Swap Meet	Las Positas College, Livermore
April 10-12, 1992	International DX Convention	Visalia, CA
May 1-3, 1992	San Joaquin Valley Section Convention and 50th Fresno Hamfest	Fresno, CA
August 20-23, 1992	ARRL National Convention	Los Angeles, CA
October 10, 1992	Siera Hamfest and Computer Faire	Minden, NV
October 16-18, 1992	PACIFICON '92	Concord, CA

### ***The Carrier***

A newsletter from the  
**Mt. Diablo Amateur Radio Club**  
P. O. Box 23222  
Pleasant Hill, CA 94523



**FIRST CLASS MAIL**

